



PTO/SB/21 (01-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/698,317	
	Filing Date	Oct 27, 2000	
	First Named Inventor	Choi, Byung J.	
	Art Unit	1763	
	Examiner Name	Roberts P. Culbert	
Total Number of Pages in This Submission	51	Attorney Docket Number	PA09-06V02

RECEIVED JUL 11 2003 GROUP 1700

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Drawings (3 sheets with red-line changes) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group ( <i>Appeal Notice, Brief, Reply Brief</i> ) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Amendment Transmittal Letter Drawing Transmittal Letter Substitute Specification Return Receipt Postcard to Kenneth C. Brooks
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	Law Office of Kenneth C. Brooks
Signature	<i>Kenneth C. Brooks</i>
Date	7/1/03

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: 7/1/03			
Type or printed	Alexis Sheffield		
Signature	<i>Alexis Sheffield</i>	Date	7/1/03

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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## AMENDMENT TRANSMITTAL LETTER

Attorney Docket No: PA09-06V02

Application Serial Number:  
09/698,317Filing Date:  
10/27/2000Examiner:  
Roberts P. CulbertGroup Art Unit:  
1763

Invention: High Precision Orientation Alignment and Gap Control Stages for Imprint Lithography Processes

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS:

Transmitted herewith is an amendment in the above-identified application. The fee has been calculated as shown below.

## CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	NO. OF EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	27	MINUS	64	0	\$18	\$ 0.00
INDEP. CLAIMS	3	MINUS	5	0	\$84	\$ 0.00

Petition is hereby made under 37 CFR 1.136(a) to extend the time for response to the Office Action of 5/16/2003 to and through comprising an extension of the shortened statutory period of:

\_\_\_\_\_ one month (\$110) \_\_\_\_\_ three months (\$920)  
\_\_\_\_\_ two months (\$400) \_\_\_\_\_ four months (\$1,440)

TOTAL ADDITIONAL FEE FOR THIS AMENDMENT

\$0.00

\_\_\_\_\_ Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.

\_\_\_\_\_ A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.

\_\_\_\_\_ A check in the amount of \$ \_\_\_\_\_ is attached.

\_\_\_\_\_ Charge \$ \_\_\_\_\_ to Deposit Account \_\_\_\_\_.

☒ No additional fee is required.

Date

7/1/03

Kenneth C. Brooks  
Reg. No. 38,393

I hereby certify that this correspondence and all correspondence identified as accompanying this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Alexandria, VA 22313-1450 on 7/1/03.

Alexis Sheffield



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Choi et al

Application No.: 09/698,317

Filed: 10/27/2000

Title: High Precision Orientation Alignment  
and Gap Control Stages for Imprint  
Lithography Processes

Group Art Unit:  
1763

Examiner:  
Roberts P. Culbert

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Attorney Docket No.: PA09-06V02

Assistant Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

DRAWING TRANSMITTAL LETTER

Sir:

Enclosed herewith please find:

- (X) 3 sheets of redlined drawings which indicate proposed changes to the drawings.  
Upon approval of these proposed changes, formal drawings will be submitted.
- ( )        sheet of corrected formal drawings, as required by the Notice of Patent  
Drawings Objection (PTO-948) which accompanied the Office Action  
dated       .
- ( )        sheets of corrected formal drawing(s), as required by the Notice of Patent  
Drawing(s) Objection (PTO-948) and approved in the Notice of Allowability  
dated       .
- ( )        sheets of formal drawing(s). Please substitute these formal drawing(s) for the  
informal drawing(s) originally filed.

Examiner's approval of the entry of these drawings is respectfully requested. No new matter has  
been added.

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addressed to: Assistant Commissioner for Patents, Alexandria,  
VA 22313-1450.

Date of Deposit: 7/4/03

Typed Name: Alexis Sheffield

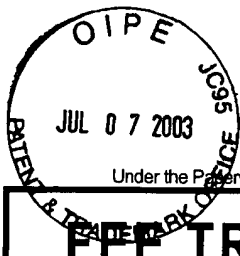
Signature: Alexis Sheffield

Respectfully Submitted,

By Kenneth C. Brooks  
Kenneth C. Brooks

Attorney/Agent for Applicant(s)  
Reg. No. 38393

Date: 07/04/03  
Telephone No.: 512 527-0104



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PTO/SB/17 (01-03)  
Approved for use through 04/30/2003. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 110.00)

## Complete if Known

Application Number 09/698,317  
Filing Date 10/27/2000  
First Named Inventor Choi, et al.  
Examiner Name Roberts P. Culbert  
Art Unit 1763  
Attorney Docket No. PA09-06V02

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JUL 11 2003  
GROUP 1700

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account

Deposit Account Number  
Deposit Account Name

502650

Molecular Imprints, Inc.

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☐ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$ 0.00)

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below		Fee Paid
Total Claims	<input type="text"/>	-20**=	<input type="text"/>	X	<input type="text"/>	= <input type="text"/>
Independent Claims	<input type="text"/>	- 3**=	<input type="text"/>	X	<input type="text"/>	= <input type="text"/>
Multiple Dependent	<input type="text"/>				<input type="text"/>	= <input type="text"/>

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$ 0.00)

\*\* or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	110.00
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 110.00)

## SUBMITTED BY

Name (Print/Type)	Kenneth C Brooks	Registration No. (Attorney/Agent)	38393	Telephone	(512) 527-0104
Signature	<i>Kenneth C Brooks</i>	Date	7/10/03		

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